

**GX3206P25** ENCLOSED ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 2 POLES 32A IN PLASTIC ENCLOSURE 110X110MM WITH RED/YELLOW HANDLE

Induct designation     carm switch       Product type designation     GX32       General characteristics     06 - ON/OFF       Switching diagram     06 - ON/OFF       Switching diagram     925 - Plastic       Mounting form     P25 - Plastic       Contact characteristics     enclosure with red/yellow hat contage Ui       IEC/EN     V       Rated insulation voltage Ui     IEC/EN     V       Conventional free air thermal current Ith     IEC/EN     A       Rated operational withse voltage     kV     6       Conventional free air thermal current Ith     IEC/EN     A       IEC/EN     X     440       Rated operational woltage     kV     4       Maximum fuse size for short-circuit protection In (gG)     10kA     A       Maximum fuse size for short-circuit protection In (gG)     10kA     A     35       Rated short time current Icw     1s     A     1000       Conductivity     10/5 mA/V     00     20/20/20/V     A       AC15     110V     A     25     220/230/V     A
General characteristics   06 - ON/OFF     Switching diagram   06 - ON/OFF     N° of elements   1     Mounting form   P25 - Plastic     Contact characteristics   enclosure wi     Rated insulation voltage Ui   IEC/EN   V     Conventional free air thermal current Ith   IEC/EN   A     IEC/EN   V   600     Rated operational voltage   V   440     Rated operational voltage   V   440     Rated operational impulse voltage   V   440     Maximum fuse size for short-circuit protection In (gG)   10kA   A   35     Rated short time current Icw   1s   A   1000     Conductivity   10/5 mA/V   0perational current le IEC/EN   420     AC1/AC21A   A   32     AC165   110V   A   25     220/230V   A   20     380/400V   A   10     680/690V   A   2     Rated operational power in AC   10     Three-phase AC-3   220/230V   kW   7.5     380/440V   kW
Switching diagram switch 2 pole N" of elements 1 P25 - Plastic enclosure with red/yellow ha Contact characteristics Rated insulation voltage Ui Rated insulation voltage Uimp $V$ 600 Rated insulation voltage Uimp $V$ 600 Conventional free air thermal current Ith IEC/EN A 32 UL/CSA A 32 Rated operational voltage $V$ 440 Rated operational impulse voltage $V$ 440 Rated short time current Icw $I$
Mounting form P25 - Plastic enclosure wi red/yellow ha   Contact characteristics IEC/EN V 690   Rated insulation voltage Ui IEC/EN V 690   Rated impulse withstand voltage Uimp kV 6   Conventional free air thermal current Ith IEC/EN A 32   Rated operational voltage V 440 A 35   Rated operational impulse voltage V 440 A   Maximum fuse size for short-circuit protection In (gG) 10kA A 35   15kA A 35 15kA A 35   Conductivity 1s A 1000 10/5 mA/V   Operational current lew 1s A 1000   Conductivity 10/5 mA/V 220/230V A 22   Querational current le IEC/EN 220/230V A 2 2   AC15 110V A 25 220/230V A 2   Rated operational power in AC Three-phase AC-3 220/230V KW 7.5
Mounting formenclosure wi red/yellow haContact characteristicsRated insulation voltage UiIEC/ENV690UL/CSAV600Rated insulation voltage UimpkV6Conventional free air thermal current IthIEC/ENA32Quarter colspan="2">Quarter colspan="2">Quarter colspan="2">Quarter colspan="2">Quarter colspan="2">Rated operational voltageV440Rated operational voltagekV4Maximum fuse size for short-circuit protection In (gG)10kAA35Taked short time current Icw1sA1000ConductivityOperational current IcwAC1/AC21AAC1/AC21AAC1/AC21AAC1/AC21AAC1/5110VA220/230VAAC1/AC21AAC1/AC21AA 32Rated operational power in ACThree-phase AC-3220/230VkW7.5380/440VkWThree-phase AC-3
red/yellow ha       Contact characteristics       Rated insulation voltage Ui       IEC/EN     V     690       UL/CSA     V     600       Rated impulse withstand voltage Uimp     kV     6       Conventional free air thermal current Ith       IEC/EN     A     32       Quit/CSA     A     32       Rated operational voltage     V     440       Rated operational impulse voltage     KV     4       Maximum fuse size for short-circuit protection In (gG)     10kA     A     35       Rated short time current low       15 A     1000       Conductivity       Operational current le     EC/EN       AC1/AC21A       AC15       AC15       A     32       A     32       A     32       Conductivity     Operational current le       AC1/AC21A     A
Contact characteristics       Rated insulation voltage Ui     IEC/EN     V     690       Rated impulse withstand voltage Uimp     KV     6       Conventional free air thermal current Ith     IEC/EN     A     32       Rated operational voltage     V     440       Rated operational impulse voltage     KV     4       Maximum fuse size for short-circuit protection In (gG)     10kA     A     35       Rated short time current Icw     1s     A     1000       Conductivity     1s     A     1000       Conductivity     10/5 mA/V     0perational current Ic IEC/EN     A     32       Rated operational current Ic IEC/EN     A     32     A     35       Canductivity     1s     A     1000     Conductivity     10/5 mA/V       Operational current Ic IEC/EN     A     32     A     32       AC15     110V     A     25     220/230V     A     20       380/400V     A     10     660/690V     A     2       Rated operational power in AC <t< td=""></t<>
Rated insulation voltage Ui     IEC/EN     V     690       Rated impulse withstand voltage Uimp     kV     6       Conventional free air thermal current Ith     IEC/EN     A     32       Rated operational voltage     V     440       Rated operational voltage     V     440       Rated operational impulse voltage     kV     4       Maximum fuse size for short-circuit protection In (gG)     10kA     A     35       Rated short time current Icw     1s     A     1000       Conductivity     1s     A     1000       Operational current Ie IEC/EN     A     32       Rated short time current Icw     1s     A     1000       Conductivity     1s     A     1000       Operational current Ie IEC/EN     A     32       AC1/AC21A     A     32       AC15     110V     A     20       380/400V     A     10       660/690V     A     2       Rated operational power in AC     220/230V     A     20       380/400V </td
IEC/EN     V     690       Rated impulse withstand voltage Uimp     kV     6       Conventional free air thermal current Ith     IEC/EN     A     32       Rated operational voltage     V     440       Rated operational impulse voltage     kV     4       Maximum fuse size for short-circuit protection In (gG)     10kA     A     35       15kA     A     35     35       Rated short time current Icw     1     A     1000       Conductivity     1     A     1000       Conductivity     1     A     22       Quertional current Ie IEC/EN     A     32       AC1/AC21A     A     32       AC15     110V     A     25       220/230V     A     20     380/400V     A     10       660/690V     A     2     Rated operational power in AC     220/230V     KW     7.5       380/440V     kW     11     1     1     1
Rated impulse withstand voltage Uimp   kV   6     Conventional free air thermal current lth   IEC/EN   A   32     Rated operational voltage   V   440     Rated operational impulse voltage   kV   4     Maximum fuse size for short-circuit protection ln (gG)   10kA   A   35     15kA   A   35   15kA   A   35     Rated short time current lcw   1s   A   1000   10/5 mA/V     Operational current le IEC/EN   A   32   A   32     AC15   110V   A   25   220/230V   A   20     380/400V   A   10   660/690V   A   2     Rated operational power in AC   Three-phase AC-3   220/230V   kW   7.5     380/440V   kW   11   10   11
Conventional free air thermal current lth     IEC/EN     A     32       Rated operational voltage     V     440       Rated operational impulse voltage     kV     4       Maximum fuse size for short-circuit protection ln (gG)     10kA     A     35       15kA     A     35     15kA     A     35       Rated short time current lcw     1s     A     1000     10/5 mA/V       Operational current le IEC/EN     A     32     A     32       AC1/AC21A     A     32     A     32       Rated operational power in AC     Three-phase AC-3     A     220/230V     A     20       380/440V     kW     11     4     20     330/440V     4
IEC/EN     A     32       Rated operational voltage     V     440       Rated operational impulse voltage     kV     4       Maximum fuse size for short-circuit protection ln (gG)     10kA     A     35       15kA     A     35     35     35       Rated short time current lcw     10kA     A     35       Rated short time current lcw     1s     A     1000       Conductivity     10/5 mA/V     00/5 mA/V       Operational current le IEC/EN     110V     A     25       220/230V     A     20     380/400V     A     10       660/690V     A     2     2     220/230V     A     2       Rated operational power in AC     Three-phase AC-3     220/230V     KW     7.5
UL/CSA     A     32       Rated operational voltage     V     440       Rated operational impulse voltage     kV     4       Maximum fuse size for short-circuit protection ln (gG)     10kA     A     35       15kA     A     35     35       Rated short time current lcw     1s     A     1000       Conductivity     1s     A     1000       Conductivity     10/5 mA/V     00/5 mA/V       Operational current le IEC/EN     4     32       AC15     110V     A     25       220/230V     A     20     380/400V     A     10       660/690V     A     2     2     Rated operational power in AC     2     220/230V     KW     7.5       380/440V     kW     11     11     11     11
$\begin{tabular}{ c c c c c c } \hline Rated operational voltage & V & 440 \\ \hline Rated operational impulse voltage & kV & 4 \\ \hline Maximum fuse size for short-circuit protection ln (gG) & 10kA & A & 35 \\ \hline 10kA & A & 35 \\ \hline 10kA & A & 35 \\ \hline 15kA & A & 35 \\ \hline 25kA & A & 35 \\ \hline Rated short time current lcw & & & & & & & & & & & & & & & & & & &$
Rated operational impulse voltage     kV     4       Maximum fuse size for short-circuit protection ln (gG)     10kA     A     35       15kA     A     35     25kA     A     35       Rated short time current lcw     1s     A     1000     000       Conductivity     10/5 mA/V     10/5 mA/V     0perational current le IEC/EN     A     32       AC1/AC21A     A     32     A     A     32       AC15     110V     A     25     220/230V     A     20       380/400V     A     10     660/690V     A     2       Rated operational power in AC     Three-phase AC-3     220/230V     kW     7.5       380/440V     kW     11     10     10     10
Maximum fuse size for short-circuit protection In (gG)     10kA     A     35       15kA     A     35     25kA     A     35       Rated short time current lcw       1s     A     1000       Conductivity     10/5 mA/V       Operational current le IEC/EN       AC1/AC21A     A     32       AC15       110V     A     25       220/230V     A     20     380/400V     A     10       G60/690V     A     2       Rated operational power in AC       Three-phase AC-3       220/230V     kW     7.5       380/440V     kW     11
10kA     A     35       15kA     A     35       25kA     A     35       Rated short time current lcw       1s     A     1000       Conductivity     10/5 mA/V       Operational current le IEC/EN     AC1/AC21A       A     32       AC15
15kA     A     35       Rated short time current lcw     1s     A     1000       Conductivity     10/5 mA/V     10/5 mA/V       Operational current le IEC/EN     4     32       AC1/AC21A     A     32       AC15     110V     A     25       220/230V     A     20     380/400V     A     10       660/690V     A     2     2     380/40V     A     10       Rated operational power in AC       Three-phase AC-3     220/230V     kW     7.5       380/440V     kW     11     1
25kA     A     35       Rated short time current lcw     1s     A     1000       Conductivity     10/5 mA/V     10/5 mA/V       Operational current le IEC/EN AC1/AC21A     A     32       AC15     110V     A     25       220/230V     A     20     380/400V     A     10       Rated operational power in AC Three-phase AC-3     220/230V     KW     7.5     380/440V     kW     11
Rated short time current lcw     1s     A     1000       Conductivity     10/5 mA/V     10/5 mA/V       Operational current le IEC/EN     AC1/AC21A     A     32       AC15     110V     A     25       220/230V     A     20     380/400V     A     10       660/690V     A     2     2     Rated operational power in AC     Three-phase AC-3     220/230V     KW     7.5       220/230V     kW     11     1     1     1
1s     A     1000       Conductivity     10/5 mA/V       Operational current le IEC/EN     A     32       AC1/AC21A     A     32       AC15     110V     A     25       220/230V     A     20     380/400V     A     10       660/690V     A     2     2     2     2     2     2       Rated operational power in AC       Three-phase AC-3     220/230V     KW     7.5       380/440V     KW     11     1
Conductivity     10/5 mA/V       Operational current le IEC/EN     AC1/AC21A       AC15     AC15       110V     A     25       220/230V     A     20       380/400V     A     10       660/690V     A     2       Rated operational power in AC       Three-phase AC-3     220/230V     kW     7.5       380/440V     kW     11
Operational current le IEC/EN     A     32       AC1/AC21A     A     32       AC15     110V     A     25       220/230V     A     20       380/400V     A     10       660/690V     A     2       Rated operational power in AC       Three-phase AC-3       220/230V     kW     7.5       380/440V     kW     11
AC1/AC21A AC15 AC15 110V A 25 220/230V A 20 380/400V A 10 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 7.5 380/40V kW 11
AC15   110V   A   25     110V   A   25     220/230V   A   20     380/400V   A   10     660/690V   A   2     Rated operational power in AC     Three-phase AC-3     220/230V   kW   7.5     380/440V   kW   11
AC15   110V   A   25     220/230V   A   20     380/400V   A   10     660/690V   A   2     Rated operational power in AC     Three-phase AC-3     220/230V   kW   7.5     380/440V   kW   11
110V   A   25     220/230V   A   20     380/400V   A   10     660/690V   A   2     Rated operational power in AC     Three-phase AC-3     220/230V   kW   7.5     380/440V   kW   11
220/230V   A   20     380/400V   A   10     660/690V   A   2     Rated operational power in AC     Three-phase AC-3     220/230V   kW   7.5     380/440V   kW   11
380/400V     A     10       660/690V     A     2       Rated operational power in AC       Three-phase AC-3       220/230V     kW     7.5       380/440V     kW     11
660/690V     A     2       Rated operational power in AC     Three-phase AC-3     220/230V     kW     7.5       380/440V     kW     11     11
Rated operational power in AC Three-phase AC-3 220/230V kW 7.5 380/440V kW 11
Three-phase AC-3 220/230V kW 7.5 380/440V kW 11
220/230V kW 7.5 380/440V kW 11
380/440V kW 11
300/090V KVV 11
Single-phase AC-3
110V kW 1.8
220/230V kW 3.5
380/440V kW 5.5
Three-phase AC23A
220/230V kW 8
380/440V kW 15
500/690V kW 15
Single-phase AC23A
110V kW 2.2
220/230V kW 3.5
Rated operational current in DC

## Rated operational current in DC

GX3206P25

electric ENERGY AND AUTOMATION

OVE

ENCLOSED ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 2 POLES 32A IN PLASTIC ENCLOSURE 110X110MM WITH RED/YELLOW HANDLE

	DC21A			
		48V	А	32
		60V	А	32
		110V	А	5
		220V	А	0.8
		440V	А	0.25
	DC23A (poles in series)			
		24V	А	32 (1)
		48V	A	32 (2)
		60V	A	32 (3)
		110V	A	15 (3)
		220V		
		2200	A	12 (4)
	DC13	0.01/		
		24V	A	32
		48V	A	25
		60V	A	14
		110V	A	3
		220V	А	0.5
		440V	А	0.15
Power dissipation			W	1.6
Mechanical features				
Terminals screw				M4
Tightening torque for te	erminals max		Nm	1.2
Conductor size				
	AWG - Rigid cable			
	AWG - Rigid Cable	min	AWG	16
		Max	AWG	8
	AWG - Flexible cable			
		min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable			
		min	mm²	1.5
		Max	mm²	6
	Conductor size (IEC) - Rigid cable			
		min	mm²	1.5
		Max	mm²	10
Mechanical life			cycles	1X10 <sup>6</sup>
UL technical data				
Motor power for direct-	-on-line control			
	for three-phase motor			
		120V	HP	3
		240V	HP	7.5
		240V 480V	HP	15
	for simple phase motor	600V	HP	15
	for single-phase motor	40014		4 5
		120V	HP	1.5
		240V	HP	3
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40

GX3206P25

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



## **GX3206P25** ENCLOSED ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 2 POLES 32A IN PLASTIC ENCLOSURE 110X110MM WITH RED/YELLOW HANDLE

¢

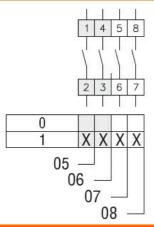
max °C +70 <u>Resistance & Protection</u> <u>Frontal IP degree</u> <u>IP65</u> <u>IP20</u> <u>Dimensions</u> <u>IP65</u> <u>IP20</u> <u>IP20</u>

L

GX16	90x90	1-2	3-5		00	70	70	4.5	05	10	20	71.0	00.0	4-0010	IDOC
GX20		1 - 2	3-5	90	90	79	79	4.5	25	19	30	71.3	98.3	4xPG16	IP65
GX16	110x110	1 - 3	4 - 7												
GX20		1-3	4 - 7	110	110	00.4	00	10	20	21	20.5	05.5	110.5	4-0001	IDOC
GX32		1 - 2	3 - 4	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65
GX40		1 - 2	3-4												

### Wiring diagrams

Ð



### Certifications and compliance

EAC

## Compliance

1100	
	IEC/EN/BS 60947-1
	IEC/EN/BS 60947-3
	IEC/EN/BS 60947-5-1
	IEC/EN/BS 61058-1
tes	

# Certificates

## ETIM classification

# ETIM 8.0

EC001029 -Selector switch, complete